Ex. b: You can take the flight, q: You buy a ficket. page You can toke the flight lift you buy a lacked.

Touth Tables of Compound Propositions:

For one propositional variable p, there are two rows in Truth table

" 4 hours " panda for 2

TT, TF, FT, FF

11 23= 8 "b, afr

TTT, TTF, TFT, TFF, FTT, FTF, FFT, FFF

ef Truth table of (þv ¬12) → (þn9)

Þ ,	9	79	pv72	p12	(pv-9) → (pn-v)
T	+	F	T	T	T
7	Ė	T	T	F	F
ļ .		-	E	F	of pto
-	1	H	т Т	F	Enimor F
		T	I		

Logie and Bit Operations: In Bit Sperations, exclusive or A is known as XOR

* An island that has two kinds of inhabitants, knight, who always tell the truth, and other opposites, knows, who always lie. You encounter two people A and B. What are A and B if A says "B is a knight" and B says "The two of us are official types?